NC/QC/W-14/2018-19/BN-C3 Date: 22-10-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	165min	Shall not be less than 30 min
2	Final setting time	280 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.89 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.36 mm	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	28.78 N/Sq mm	Shall not be less than 27 N/Sqmm

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187 EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-PCC2 Date: 22-10-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**65.20**	0 -20	30- 70
10mm	**28.60**	0 -5	10- 35
4.75mm	**3.10**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**100.00**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**96.15**	60-95	75-100	85-100	
01.18	**84.60**	30-70	55-90	75-100	
600.mic	**46.05**	15-34	35-59	60-79	
300.mic	**21.80**	5-20	8-30	12-40	
150.mic	**8.30**	0-10	0-10	0-10	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187 EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-C4

Date: 23-10-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**170 min**	Shall not be less than 30 min
2	Final setting time	**285 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.4 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.42 mm**	Shall not be more than 10 mm
5	Compressive strength c) 3 days (average of three results)	**28.16 N/Sq mm**	Shall not be less than 27 N/Sqmm

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-PCC3 Date: 23-10-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	68.10	0 -20	30- 70
10mm	25.80	0 -5	10- 35
4.75mm	3.45	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	100.00	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	96.10	60-95	75-100	85-100	
01.18	85.60	30-70	55-90	75-100	
600.mic	45.25	15-34	35-59	60-79	
300.mic	18.55	5-20	8-30	12-40	
150.mic	7.45	0-10	0-10	0-10	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-CB3 Date: 02-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-10-18	02-11-18	08	22500	530	23.56	**24.07**
	002	"	"	"	"	555	24.67	
	003	"	"	"	"	540	24.00	

KIRAN. R
M.E, (Civil-Engg)

Page No. 1/1,

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore
Proprietor

Scanned by CamScanner

Newzen Consultants Bangalore

NC/QC/W-14/2018-19/BN-CB4 Date: 02-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	26-10-18	02-11-18	07	22500	545	24.22	**24.15**
	002	"	"	"	"	535	23.78	
	003	"	"	"	"	550	24.44	

KIRAN. R
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-CB5 Date: 03-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	27-10-18	03-11-18	07	22500	550	24.44	**24.74**
	002	"	"	"	"	565	25.11	
	003	"	"	"	"	555	24.67	

KIRAN
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-CB6 Date: 05-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}
Ref.: Material testing/W-14/QC/18-19,
Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	29-10-18	05-11-18	07	22500	540	24.00	**24.00**
	002	"	"	"	"	545	24.22	
	003	"	"	"	"	535	23.78	

KIRAN. R
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಡಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-CB3a

Date: 22-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-10-18	22-11-18	28	22500	735	32.67	**33.04**
	002	"	"	"	"	755	33.56	
	003	"	"	"	"	740	32.89	

KIRAN. R
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore

Proprietor

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-CB4a

Date: 23-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	26-10-18	23-11-18	28	22500	730	32.44	**32.59**
	002	"	"	"	"	725	32.22	
	003	"	"	"	"	745	33.11	

KIRAN. R
M.E, (Civil-Engg)

Page No. 1/1,

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore

Proprietor

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-CB5a

Date: 24-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	27-10-18	24-11-18	28	22500	740	32.89	32.96
	002	"	"	"	"	750	33.33	
	003	"	"	"	"	735	32.67	

KIRAN. R
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Scanned by CamScanner

NC/QC/W-14/2018-19/BN-CB6a

Date: 26-11-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Re-Construction of CC Drains at 7th main 11th cross Surroundings, 11th A cross road Bhuvaneshwarinagar in Ward No. 14, Bagalagunte}

Ref.: Material testing/W-14/QC/18-19,

Report Required for: Assistant Executive Engineer,
Dasarahalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	29-10-18	26-11-18	28	22500	720	32.00	**32.52**
	002	"	"	"	"	735	32.67	
	003	"	"	"	"	740	32.89	

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore
Proprietor

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Scanned by CamScanner